



Characteristics	Mirage Engineered	
	Natural Collection	
Description	<ul style="list-style-type: none"> <li>Engineered prefinished hardwood flooring with tongues and grooves</li> <li>Micro-V bevel (on 4 sides)</li> </ul>	
Thickness	• 3/8" (10 mm) (Sawn hardwood layer 5/32" (4 mm), 5-ply plywood base 15/64" (6 mm))	
Width	2-9/16" (65 mm)	3-5/16" (84 mm)
Species	3 species: Maple, Yellow Birch, Red Oak	4 species: Maple, Yellow Birch, Red Oak, Walnut
Grade	<ul style="list-style-type: none"> <li>Select &amp; Better (Selection of more uniform wood grain with slight variations in natural shading)</li> <li>Exclusive (As found in nature. A complete species color and character range)</li> </ul>	
Color choice (refer to 2017 Mirage Collections)	1 color: Natural Some products may not be available. Ask your Mirage representative or consult the product chart.	
Finish	<ul style="list-style-type: none"> <li>Nanolinx HD™: Finishing system made of aluminum oxide and nanosilica particle composites suspended in UV cured polyurethane.</li> <li>Nanolinx™ Commercial: Ultraresistant finishing system made of aluminum oxide and nanosilica particle composites suspended in UV cured polyurethane.</li> <li>Semi-gloss (50% gloss) or Cashmere®* (18% gloss)</li> </ul>	
	UV Protection: All products <span style="float: right;">Formaldehyde: Free</span>	
	Water and solvent: No trace	
	Static Friction Coefficient (ASTM-D-2047): Slippery resistance of 0.5 to 0.55	
Applicable standards	Surface Burning (ASTM-E-84):	Surface Burning (ULC-S-102-2):
	<ul style="list-style-type: none"> <li>FSI (Flame Spread Index) 100 to 150</li> <li>Classe C (depends on wood species)</li> <li>SD (Smoke Development) 75 to 400 (depends on wood species)</li> </ul>	<ul style="list-style-type: none"> <li>FSV (Flame Spread Value) 100 to 150 (depends on wood species)</li> <li>SD (Smoke Development) 200 to 300 (depends on wood species)</li> </ul>
	Critical radiant flux (ASTM-E-648-94a):	R value: R 0.3 to 0.4 (depends on wood species)
	0.25 to 0.40 watt/cm <sup>2</sup> (depends on wood species)	
	Formaldehyde and VOC emissions (CDPH 1.1, 2010) : Target product group (Engineered) conform	
Installation	Stapled, nailed or glued down (above, on or below grade)	
Subfloor	Wood, concrete or radiant heat system	
Provenance	Made in St-Georges, Qc, Canada.	
Use	Residential, light commercial or commercial (Nanolinx™ Commercial)	
Accessory	Round Stair nosing, Round reducer, Threshold, "T" molding, Quarter round	
Warranty	<ul style="list-style-type: none"> <li>Structural lifetime limited warranty</li> <li>35-year finish warranty for residential applications</li> </ul>	<ul style="list-style-type: none"> <li>3-year finish warranty for light commercial applications</li> <li>5-year finish warranty for commercial applications with Nanolinx™ Commercial</li> </ul>
Board length	2-9/16" (65 mm)	3-5/16" (84 mm)
6 assorted lengths	± 13-3/4 inches (350 mm)	± 13-3/4 inches (350 mm)
	± 17-7/8 inches (455 mm)	± 16-1/2 inches (420 mm)
	± 23-1/2 inches (595 mm)	± 22-5/8 inches (576 mm)
	± 29 inches (736 mm)	± 28-7/8 inches (732 mm)
	± 33-1/8 inches (841 mm)	± 31-5/8 inches (802 mm)
	± 46-7/8 inches (1,191 mm)	± 45-3/8 inches (1,152 mm)
Packaging	2-9/16" (65 mm)	3-5/16" (84 mm)
Content of a box	• 20 ft <sup>2</sup> (1,858 m <sup>2</sup> )	• 25 ft <sup>2</sup> (2,322 m <sup>2</sup> )
Size of a box	• 48" L x 8-1/4" W x 3-1/4" H	• 47" L x 10-1/4" W x 3-1/4" H
Weight of a box	• 27 to 34 lbs	• 34 to 41 lbs
Content of a pallet	• 50 boxes = 1,000 ft <sup>2</sup> (5 boxes/W x 10 boxes/H)	• 40 boxes = 1,000 ft <sup>2</sup> (4 boxes/W x 10 boxes/H)
Size of a pallet	• 48" L x 42" W x 37" H	• 47" L x 42" W x 37" H
Relative species hardness		
NWFA Janka Test	• Walnut	1,010 lbs - 22% softer
Hardness test (ASTM-D-143)	• Yellow Birch	1,260 lbs - 2% softer
	• Red Oak	1,290 lbs - average hardness
	• Maple	1,450 lbs - 12% harder
	Red Oak 1290 lbs* - 100%	
*lbs = Applied force in pounds		

\* Cashmere is a registered trademark used under license.



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	Natural Collection	
Description	<ul style="list-style-type: none"> <li>Engineered prefinished hardwood flooring with tongues and grooves</li> <li>Micro-V bevel (on 4 sides)</li> </ul>	
Thickness	• 1/2" (13 mm) (Sawn hardwood layer 5/32" (4 mm), 7-ply plywood base 11/32" (9 mm))	
Length	• Each box of Mirage Engineered 5" and 6-1/2" widths contains fixed board lengths up to 82" (2,086 mm)	
Width	5" (127 mm)	6-1/2" (165 mm)
Species	7 species: Maple, Red Oak, White Oak, R&Q, White Oak Character, R&Q, Hickory, Hickory Character, Walnut Character	6 species: Maple, Red Oak, White Oak, R&Q, White Oak Character, R&Q, Hickory, Hickory Character
Grade	<ul style="list-style-type: none"> <li>Exclusive (As found in nature. A complete species color and character range)</li> <li><b>Character-looking floors:</b> These floors are appreciated for their pronounced color variation. They feature open and closed knots, mineral streaks, cracks, surface holes, and other character or milling marks. Some distinctive marks may become prominent over time due to changes in the environment.</li> </ul>	
Color choice (refer to 2017 Mirage Collections)	1 color: Natural Some products may not be available. Ask your Mirage representative or consult the product chart.	
Finish	<ul style="list-style-type: none"> <li>Nanolinx HD™: Finishing system made of aluminum oxide and nanosilica particle composites suspended in UV cured polyurethane.</li> <li>Nanolinx™ Commercial: Ultraresistant finishing system made of aluminum oxide and nanosilica particle composites suspended in UV cured polyurethane.</li> <li>Semi-gloss (50% gloss) or Cashmere®* (18% gloss)</li> </ul>	
	UV Protection: All products	Formaldehyde: Free
	Water and solvent: No trace	
	Static Friction Coefficient (ASTM-D-2047): Slippery resistance of 0.5 to 0.55	
Applicable standards	<p>Surface Burning (ASTM-E-84):</p> <ul style="list-style-type: none"> <li>FSI (Flame Spread Index) 100 to 150 Classe C (depends on wood species)</li> <li>SD (Smoke Development) less than 400 (depends on wood species)</li> </ul> <p>Critical radiant flux (ASTM-E-648-94a): 0.41 watt/cm<sup>2</sup> (depends on wood species)</p> <p>Formaldehyde and VOC emissions (CDPH 1.1, 2010) : Target product group (Engineered) conform</p>	
		<p>Surface Burning (ULC-S-102-2):</p> <ul style="list-style-type: none"> <li>FSV (Flame Spread Value) 80 (depends on wood species)</li> <li>SD (Smoke Development) max 350 (depends on wood species)</li> </ul> <p>R value: R 0.44 to 0.48 (depends on wood species)</p>
Installation	Stapled, nailed, glued down or floating installation (above, on or below grade)	
Subfloor	Wood, concrete or radiant heat system (with the exception of Hickory)	
Provenance	Made in St-Georges, Qc, Canada.	
Use	Residential, light commercial or commercial (Nanolinx™ Commercial)	
Accessory	Round Stair nosing, Square Stair nosing, Round Reducer, Threshold, "T" molding, Quarter round	
Warranty	<ul style="list-style-type: none"> <li>Structural lifetime limited warranty</li> <li>35-year finish warranty for residential applications</li> </ul>	<ul style="list-style-type: none"> <li>3-year finish warranty for light commercial applications</li> <li>5-year finish warranty for commercial applications with Nanolinx™ Commercial</li> </ul>
Packaging	5" (127 mm)	6-1/2" (165 mm)
Content of a box	• 34.10 ft <sup>2</sup> (3.168 m <sup>2</sup> )	• 22.15 ft <sup>2</sup> (2.058 m <sup>2</sup> )
Size of a box	• 83" L x 10-1/2" W x 3-1/4" H	• 83" L x 7" W x 3-1/4" H
Weight of a box	• 65 to 70 lbs	• 42 to 45 lbs
Content of a pallet	• 32 boxes = 1,091.2 ft <sup>2</sup> (4 boxes/W x 8 boxes/H)	• 48 boxes = 1,063.20 ft <sup>2</sup> (6 boxes/W x 8 boxes/H)
Size of a pallet	• 83" L x 42" W x 30" H	• 83" L x 42" W x 30" H
Relative species hardness		
NWFA Janka Test	• Walnut	1,010 lbs - 22% softer
Hardness test (ASTM-D-143)	• Red Oak	1,290 lbs - average hardness
Red Oak 1290 lbs* - 100%	• White Oak, R&Q	1,360 lbs - 5% harder
*lbs = Applied force in pounds	• Maple	1,450 lbs - 12% harder
	• Hickory	1,820 lbs - 41% harder

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